

Converting Colors

$Yxy(34.0958, 0.3138, 0.4289)$

Have a look what the booklet for
Yxy(34.0958, 0.3138, 0.4289)
contains.

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Color

Yxy(34.1472, 0.3131, 0.4284)

Conversions

Conversions Part 1

Format	Color
Hex	76AB70
RGB	118, 171, 112
RGB Percent	46%, 67%, 44%
CMY	0.5373, 0.3294, 0.5608
CMYK	0.31, 0.00, 0.35, 0.33
HSL	114°, 26%, 55%
HSV	114°, 35%, 67%
XYZ	24.9568, 34.1472, 20.6047
YIQ	148.4270, -12.6490, -29.5850

Conversions

Conversions Part 2

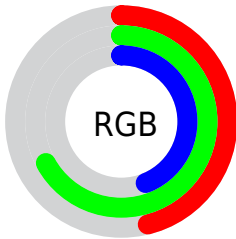
Format	Color
RYB	112, 171, 165
Decimal	7777136
CIELab	65.08, -29.30, 24.97
CIELCh	65, 38.499, 139.569
Yxy	34.1472, 0.3131, 0.4284
Android (android.graphics.Color)	4285967216 (0xFF76AB70)
YUV	148.4270, -17.9585, -26.6845
Hunter-Lab	58.4356, -26.0282, 19.9990

Details

The Yxy color $34.1472, 0.3131, 0.4284$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $22.5313, 0.3097, 0.2434$, and the grayscale version is $29.8816, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.3892, 0.3144, 0.4078$, and $14.5090, 0.3107, 0.4652$ is the 20% darker color. If you saturate the color by 10%, you get $32.8137, 0.3125, 0.4625$, and if you desaturate by 10%, it is $35.7312, 0.3133, 0.3961$.

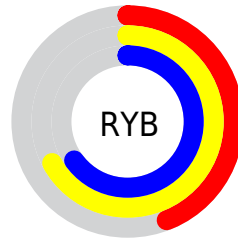
Distribution



Red (46%)

Green (67%)

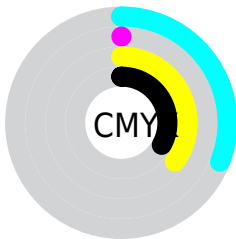
Blue (44%)



Red (44%)

Yellow (67%)

Blue (65%)

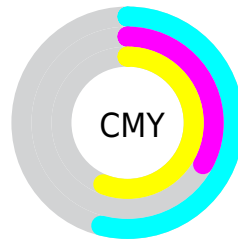


Cyan (31%)

Magenta (0%)

Yellow (35%)

Black (33%)



Cyan (54%)


Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.1472, 0.3131, 0.4284 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 34.1472, 0.3131, 0.4284 by changing the saturation by 10% instead.


 34.1472, 0.3131,
0.4284


 34.1472, 0.3131,
0.4284


320.7879, 0.3144,
0.3736

 23.0067, 0.3121,
0.4439


 66.1625, 0.3140,
0.4072

 14.5985, 0.3102,
0.4650


 87.8061, 0.3143,
0.3996

 8.5381, 0.3066,
0.4951


 113.7195, 0.3144,
0.3934

 4.4411, 0.2989,
0.5412

 144.2872, 0.3144,
0.3881

 1.9233, 0.3040,
0.6708

179.8935, 0.3145,
0.3837

 0.5623, 0.0000,
1.0000

220.9227, 0.3145,

 0.0000, 0.0000,

0.3798

0.0000

267.7594, 0.3144,
0.3765

■ 34.1472, 0.3131,
0.4284

■ 34.1472, 0.3131,
0.4284

■ 32.8137, 0.3125,
0.4625

■ 35.7312, 0.3133,
0.3961

■ 31.7138, 0.3115,
0.4967

■ 37.5731, 0.3132,
0.3665

■ 30.8353, 0.3100,
0.5292


■ 39.6852, 0.3129,
0.3399

■ 30.1629, 0.3080,
0.5573

■ 42.0779, 0.3124,
0.3165

■ 29.6797, 0.3058,
0.5789


■ 44.7609, 0.3119,
0.2960

 29.3658, 0.3035,
0.5927

 47.7435, 0.3113,
0.2783

 29.2508, 0.3026,
0.5980

 51.0347, 0.3107,
0.2629

 54.6429, 0.3100,
0.2496

 57.6085, 0.3166,
0.2469

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.1472, 0.3706, 0.4364



34.1472, 0.3131, 0.4284



34.1472, 0.2584, 0.3835

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.1472, 0.3131, 0.4284



34.1472, 0.2167, 0.2422



34.1472, 0.4133, 0.3233

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.1472, 0.3131, 0.4284



22.5313, 0.3097, 0.2434

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.1472, 0.3641, 0.2814



34.1472, 0.3131, 0.4284



34.1472, 0.2502, 0.2361

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.1472, 0.3131, 0.4284



34.1472, 0.2063, 0.2711



34.1472, 0.3031, 0.2504



34.1472, 0.4319, 0.3695

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.1472, 0.3131, 0.4284



34.1472, 0.2307, 0.3426



34.1472, 0.3031, 0.2504



34.1472, 0.3996, 0.3085

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.1487, 0.3131, 0.4284



68.8619, 0.3131, 0.3546



36.4236, 0.3666, 0.4044



15.2434, 0.3131, 0.3583



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.1487, 0.3131, 0.4284



59.3837, 0.3127, 0.4529



34.3119, 0.2910, 0.3901



8.9768, 0.3131, 0.3523



22.0603, 0.3029, 0.5977



0.6258, 0.3145, 0.5884

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.5313, 0.3097, 0.2434



35.5603, 0.3086, 0.2258



22.3977, 0.3436, 0.2752



8.1062, 0.3122, 0.3065



7.3841, 0.2959, 0.1404



0.2170, 0.3040, 0.1448

Previews

White Background



This preview shows how the Yxy color 34.1472, 0.3131, 0.4284 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.1472, 0.3131, 0.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

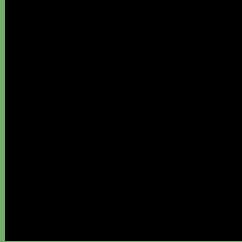
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1472, 0.3131, 0.4284

Background



This preview shows how black text looks on a background with the Yxy color 34.1472, 0.3131, 0.4284.



This preview shows how white text looks on a background with the Yxy color 34.1472, 0.3131, 0.4284.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.1472, 0.3131, 0.4284

Protanopia

33.7006, 0.3744, 0.4039

Deuteranopia

33.8333, 0.3850, 0.3779



Tritanopia

33.9961, 0.2725, 0.3089

Trichromacy



Original Color

34.1472, 0.3131, 0.4284

Protanomaly

33.5027, 0.3503, 0.4134

Deuteranomaly

33.2686, 0.3559, 0.3944

Tritanomaly

33.9323, 0.2871, 0.3498

Monochromacy



Original Color

34.1472, 0.3131, 0.4284

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.8446, 0.3131, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1472, 0.3131, 0.4284 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(118, 171, 112)` looks like.

```
.text, #text, p{  
    color:rgb(118, 171, 112)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(118, 171, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 171, 112) }
```

Border

The CSS property to change the border of an element to Yxy 34.1472, 0.3131, 0.4284 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 171, 112) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(118, 171, 112) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(118, 171, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 171, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 171, 112);  
box-shadow:4px 4px 4px 4px rgb(118, 171,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1472, 0.3131, 0.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 171, 112) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(118,  
171, 112) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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